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1.9  
EC 742P

# HOGS AND PIGS



Crop  
Reporting  
Board

Released: March 20, 1981  
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Economics and  
Statistics Service

U.S. Department  
of Agriculture

Washington, D.C.  
20250

- \* INVENTORIES
- \* PIG CROP
- \* INTENTIONS

## INVENTORY DOWN 9 PERCENT:

Inventory of hogs and pigs on March 1, 1981 in the 14 States conducting quarterly hog surveys is estimated at 50.1 million head, 9 percent below last year and 1 percent less than March 1, 1979, according to the Crop Reporting Board.

- Breeding inventory, at 7.22 million head, 11 percent less than a year ago and down 13 percent from two years earlier.
- Market hog inventory, at 42.9 million head, 8 percent less than last year but 1 percent greater than March 1, 1979.

The 14 Quarterly States account for about 85 percent of the U.S. hog and pig inventory.

## PIG CROP (DECEMBER 1980 - FEBRUARY 1981):

The December 1980 - February 1981 pig crop in the 14 States totaled 17.6 million, 10 percent fewer than 1980 and 3 percent less than 1979. There were 2.43 million sows that farrowed. High temperatures last summer reduced conception rates and contributed to the reduction in number of sows farrowed during December - February to 89 percent of a year ago and 92 percent of same period two years ago.

Sows farrowing averaged 7.23 pigs per litter, 1 percent above a year ago and 5 percent above two years ago.

## FARROWING INTENTIONS:

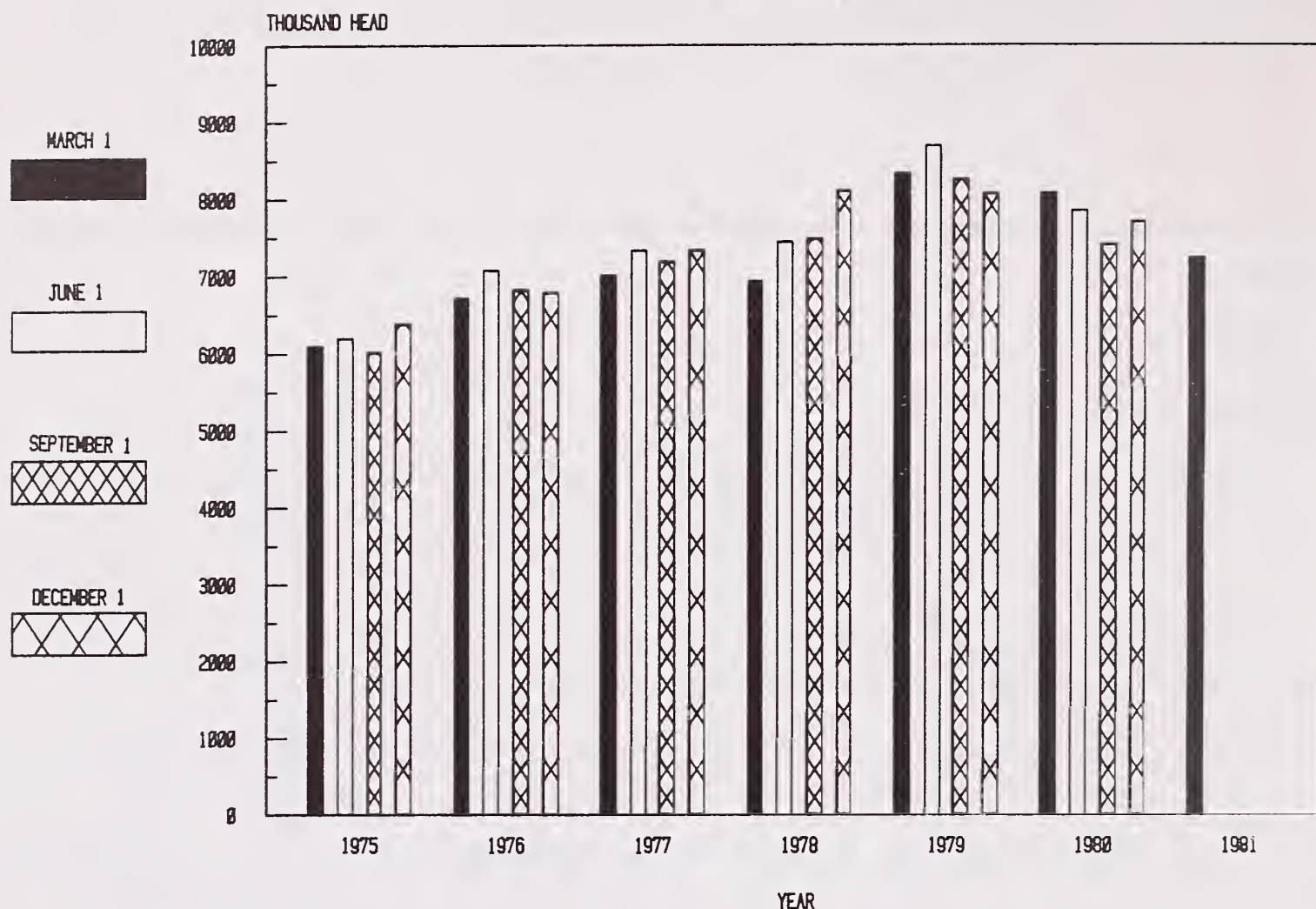
Producers in the 14 States intend to farrow 3.02 million sows during the March - May 1981 period, 10 percent fewer than 1980 and 13 percent below two years ago.

Farrowing intentions reported for the June - August 1981 period are 2.60 million sows, 8 percent less than the same period a year ago and 17 percent below two years ago.

Final hog and pig estimates for 1975-1978 are  
now available in Statistical Bulletin No. 648.

# BREEDING HOG INVENTORY

14 MAJOR PRODUCING STATES



**RELIABILITY AND ESTIMATING PROCEDURES:** Primary data used in setting these hog estimates were obtained from a sample of farmers across the U.S. using probability surveys. Information was collected by mail, telephone and personal interviews. Since all operations raising hogs were not included in the sample, survey estimates are subject to sampling variability. This variability, as measured by the relative standard error, is about two percent at the U.S. level for hog inventory. This means that chances are approximately 95 out of 100 that survey estimates will be within four percent of the complete coverage value if the same procedures were used to survey all producers. Survey estimates are also subject to non-sampling errors such as omissions, duplications, and mistakes in reporting, recording and processing the data. These errors cannot be measured directly, but they are minimized through rigid quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

The sampling variability of survey estimates on intended farrowings is slightly larger than that for inventories. More important, actual farrowings may differ significantly from reported intentions due to unexpected economic and environmental conditions. These differences have exceeded four percent for about one-third of the quarterly pig crops during the last six years.

In setting the inventory estimates, the Crop Reporting Board constructed a U.S. balance sheet using estimates on births, deaths and check data on slaughter, imports and exports. This balance sheet provided an additional check on survey inventory estimates.



HOGS AND PIGS: INVENTORY NUMBER, SOWS FARROWING AND PIG CROP,  
1979-1981, 14 STATES 1/

ITEM	1979	1980	1981	1981 AS % OF	
				1979	1980
	1000 HEAD			PERCENT	
INVENTORY NUMBER-MARCH 1					
ALL HOGS AND PIGS	50805	54805	50105	99	91
KEPT FOR BREEDING	8313	8085	7219	87	89
MARKET	42492	46720	42886	101	92
MARKET HOGS AND PIGS					
BY WEIGHT GROUPS:					
UNDER 60 POUNDS	16943	18012	15985	94	89
60-119 POUNDS	10109	11126	10454	103	94
120-179 POUNDS	9126	10362	9561	105	92
180 POUNDS AND OVER	6314	7220	6886	109	95
SOWS FARROWING:					
DECEMBER 2/-FEBRUARY	2654	2740	2434	92	89
MARCH-MAY	3486	3356	3/ 3023	87	90
DECEMBER 2/-MAY	6140	6096	4/ 5457	89	90
JUNE-AUGUST	3154	2838	3/ 2604	83	92
SEPTEMBER-NOVEMBER	3023	2927			
JUNE-NOVEMBER	6177	5765			
PIG CROP:					
DECEMBER 2/-FEBRUARY	18213	19650	17597	97	90
MARCH-MAY	24994	24600			
DECEMBER 2/-MAY	43207	44250			
JUNE-AUGUST	22571	20382			
SEPTEMBER-NOVEMBER	21615	21283			
JUNE-NOVEMBER	44186	41665			
PIGS PER LITTER:		NUMBER			
DECEMBER 2/-FEBRUARY	6.86	7.17	7.23	105	101
MARCH-MAY	7.17	7.33			
DECEMBER 2/-MAY	7.04	7.26			
JUNE-AUGUST	7.16	7.18			
SEPTEMBER-NOVEMBER	7.15	7.27			
JUNE-NOVEMBER	7.15	7.23			

1/ GEORGIA, ILLINOIS, INDIANA, IOWA, KANSAS, KENTUCKY, MINNESOTA, MISSOURI  
NEBRASKA, NORTH CAROLINA, OHIO, SOUTH DAKOTA, TEXAS, WISCONSIN

2/ DECEMBER PRECEDING YEAR.

3/ INTENTIONS.

4/ INTENTIONS FOR MARCH-MAY.

HOGS AND PIGS: INVENTORY NUMBERS, BREEDING, MARKET AND TOTAL,  
MARCH 1, 1980-81, 14 STATES

STATE	BREEDING			MARKET			TOTAL		
	1981			1981			1981		
	1980	:AS % OF:		1980	:AS % OF:		1980	:AS % OF:	
		NUMBER: 1980			NUMBER: 1980			NUMBER: 1980	
	1000 HEAD	PERCENT		1000 HEAD	PERCENT		1000 HEAD	PERCENT	
GA	327	315	96	1823	1585	87	2150	1900	88
ILL	957	894	93	5643	5206	92	6600	6100	92
IND	628	575	92	3672	3625	99	4300	4200	98
IOWA	2268	2160	95	13932	13540	97	16200	15700	97
KANS	272	235	86	1743	1465	84	2015	1700	84
KY	216	150	69	1114	850	76	1330	1000	75
MINN	742	665	90	4208	3785	90	4950	4450	90
MO	731	572	78	3569	3028	85	4300	3600	84
NEBR	558	518	93	3292	2982	91	3850	3500	91
N C	370	305	82	2100	1895	90	2470	2200	89
OHIO	295	261	88	1805	1664	92	2100	1925	92
S DAK	272	222	82	1618	1328	82	1890	1550	82
TEX	139	125	90	761	675	89	900	800	89
WIS	310	222	72	1440	1258	87	1750	1480	85
TOTAL									
14 STS.	8085	7219	89	46720	42886	92	54805	50105	91

MARKET HOGS AND PIGS: INVENTORY NUMBER BY WEIGHT GROUPS,  
MARCH 1, 1980-81, 14 STATES

STATE	UNDER 60 LBS.		60-119 LBS.		120-179 LBS.		180 LBS AND OVER	
	1980	1981	1980	1981	1980	1981	1980	1981
	1000 HEAD							
GA	767	681	510	436	356	298	190	170
ILL	2088	1848	1326	1281	1270	1128	959	949
IND	1384	1315	900	900	859	866	529	544
IOWA	4946	4766	3177	3235	3385	3220	2424	2319
KANS	650	530	433	367	404	338	256	230
KY	450	319	301	204	207	187	156	140
MINN	1843	1442	922	980	862	780	581	583
MO	1392	1253	910	702	732	618	535	455
NEBR	1297	1196	790	728	728	656	477	402
N C	965	785	473	440	378	380	284	290
OHIO	677	623	457	384	384	354	287	303
S DAK	631	465	404	345	377	332	206	186
TEX	312	260	183	170	145	140	121	105
WIS	610	502	340	282	275	264	215	210
TOTAL								
14 STS.	18012	15985	11126	10454	10362	9561	7220	6886



HOGS AND PIGS: INVENTORY NUMBERS, BREEDING, MARKET AND TOTAL,  
DECEMBER 1, 1979-80, 14 STATES

STATE	BREEDING			MARKET			TOTAL		
	1980			1980			1980		
	1979	:AS % OF:		1979	:AS % OF:		1979	:AS % OF:	
		NUMBER: 1979			NUMBER: 1979			NUMBER: 1979	
		1000 HEAD	PERCENT		1000 HEAD	PERCENT		1000 HEAD	PERCENT
GA	342	380	111	2018	1920	95	2360	2300	97
ILL	938	891	95	6012	5709	95	6950	6600	95
IND	680	625	92	4170	3975	95	4850	4600	95
IOWA	2106	2095	99	14094	14005	99	16200	16100	99
KANS	275	250	91	1815	1650	91	2090	1900	91
KY	220	183	83	1250	1037	83	1470	1220	83
MINN	784	816	104	4116	4284	104	4900	5100	104
MO	739	633	86	3911	3347	86	4650	3980	86
NEBR	560	545	97	3590	3355	93	4150	3900	94
N C	390	340	87	2260	2120	94	2650	2460	93
OHIO	300	265	88	1820	1885	104	2120	2150	101
S DAK	276	260	94	1724	1600	93	2000	1860	93
TEX	130	130	100	780	800	103	910	930	102
WIS	315	269	85	1515	1411	93	1830	1680	92
TOTAL									
14 STS.	8055	7682	95	49075	47098	96	57130	54780	96

MARKET HOGS AND PIGS: INVENTORY NUMBER BY WEIGHT GROUPS,  
DECEMBER 1, 1979-80, 14 STATES

STATE	UNDER 60 LBS.		60-119 LBS.		120-179 LBS.		180 LBS AND OVER	
	1979	1980	1979	1980	1979	1980	1979	1980
	1000 HEAD							
GA	842	791	563	503	389	399	224	227
ILL	2194	2085	1666	1520	1196	1184	956	920
IND	1500	1424	1166	1053	917	862	587	636
IOWA	5440	5672	3820	3431	2819	2801	2015	2101
KANS	732	638	469	425	343	317	271	270
KY	563	440	286	254	213	179	188	164
MINN	1634	1778	1153	1070	856	900	473	536
MO	1780	1439	930	803	684	619	517	486
NEBR	1418	1359	933	845	718	648	521	503
N C	963	880	575	530	419	400	303	310
OHIO	692	697	494	481	373	415	261	292
S DAK	741	650	431	420	311	300	241	230
TEX	296	310	212	180	157	160	115	150
WIS	635	612	410	354	273	254	197	191
TOTAL								
14 STS.	19430	18775	13108	11869	9668	9438	6869	7016

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,  
SEPTEMBER-NOVEMBER 1979-80, 14 STATES

STATE	SOWS FARROWING			PIGS		PIG CROP 1/		
	1980			PER LITTER		1980		
	:AS % OF:					:AS % OF		
	1979	NUMBER	1979	1979	1980	1979	NUMBER	1979
	1000 HEAD	PERCENT	NUMBER			1000 HEAD	PERCENT	
GA	103	105	102	7.12	6.65	733	698	95
ILL	375	360	96	6.84	7.00	2565	2520	98
IND	210	205	98	7.10	7.50	1491	1538	103
IOWA	830	860	104	7.10	7.35	5893	6321	107
KANS	110	104	95	7.60	7.10	836	738	88
KY	83	68	82	7.00	6.90	581	469	81
MINN	270	280	104	7.35	7.30	1984	2044	103
MO	295	250	85	7.20	7.20	2124	1800	85
NEBR	235	215	91	7.30	7.45	1716	1602	93
N C	135	130	96	7.00	7.30	945	949	100
OHIO	110	106	96	7.30	7.40	803	784	98
S DAK	119	100	84	7.20	7.35	857	735	86
TEX	43	44	102	7.20	7.50	310	330	106
WIS	105	100	95	7.40	7.55	777	755	97
TOTAL								
14 STS.	3023	2927	97	7.15	7.27	21615	21283	98

1/ NUMBER OF PIGS BORN SEPTEMBER THROUGH NOVEMBER,  
THAT WERE ON HAND DECEMBER 1, OR HAD BEEN SOLD.

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,  
DECEMBER 1/-FEBRUARY 1980-81, 14 STATES

STATE	SOWS FARROWING			PIGS		PIG CROP 2/		
	1981			PER LITTER		1981		
	:AS % OF:					:AS % OF		
	1980	NUMBER	1980	1980	1981	1980	NUMBER	1980
	1000 HEAD	PERCENT	NUMBER			1000 HEAD	PERCENT	
GA	115	100	87	7.10	7.25	816	725	89
ILL	320	295	92	7.00	6.80	2240	2006	90
IND	220	210	95	7.05	7.30	1551	1533	99
IOWA	700	660	94	7.10	7.30	4970	4818	97
KANS	103	82	80	7.20	7.42	742	608	82
KY	73	49	67	6.70	6.90	489	338	69
MINN	295	250	85	7.50	7.40	2212	1850	84
MO	220	200	91	7.30	7.15	1606	1430	89
NEBR	200	180	90	7.30	7.35	1460	1323	91
N C	150	120	80	7.10	7.20	1065	864	81
OHIO	105	95	90	7.20	7.30	756	694	92
S DAK	86	68	79	7.50	7.20	645	490	76
TEX	48	40	83	6.80	7.00	326	280	86
WIS	105	85	81	7.35	7.50	772	638	83
TOTAL								
14 STS.	2740	2434	89	7.17	7.23	19650	17597	90

1/ DECEMBER PRECEDING YEAR.

2/ NUMBER OF PIGS BORN DECEMBER THROUGH FEBRUARY,  
THAT WERE ON HAND MARCH 1, OR HAD BEEN SOLD.



FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,  
MARCH-MAY 1979-81, 14 STATES

STATE	SOWS FARROWING					PIGS		PIG CROP 1/		
	1981 2/					PER LITTER		1980		
	1979	1980	AS % OF			1979	1980	AS % OF		
			NUMBER	1980		1979	1980	NUMBER	1979	
	1000 HEAD		PERCENT		NUMBER	1000 HEAD		PERCENT		
GA	120	120	105	88	7.18	7.20	862	864	100	
ILL	465	460	415	90	6.83	7.00	3176	3220	101	
IND	245	225	200	89	7.10	7.30	1740	1643	94	
IOWA	990	960	930	97	7.05	7.35	6980	7056	101	
KANS	124	118	106	90	7.18	7.66	890	904	102	
KY	88	82	55	67	6.90	7.10	607	582	96	
MINN	290	320	280	88	7.30	7.50	2117	2400	113	
MO	315	285	230	81	7.40	7.40	2331	2109	90	
NEBR	275	250	240	96	7.47	7.40	2054	1850	90	
N C	144	145	120	83	7.35	7.35	1058	1066	101	
OHIO	120	105	100	95	7.50	7.40	900	777	86	
S DAK	150	130	110	85	7.40	7.40	1110	962	87	
TEX	52	43	42	98	6.80	7.30	354	314	89	
WIS	108	113	90	80	7.55	7.55	815	853	105	
TOTAL										
14 STS.	3486	3356	3023	90	7.17	7.33	24994	24600	98	

1/ NUMBER OF PIGS BORN MARCH THROUGH MAY,  
THAT WERE ON HAND JUNE 1, OR HAD BEEN SOLD.

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,  
JUNE-AUGUST 1979-81, 14 STATES

STATE	SOWS FARROWING					PIGS		PIG CROP 1/		
	1981 2/					PER LITTER		1980		
	1979	1980	AS % OF			1979	1980	AS % OF		
			NUMBER	1980		1979	1980	NUMBER	1979	
	1000 HEAD		PERCENT		NUMBER	1000 HEAD		PERCENT		
GA	120	104	110	106	7.02	6.90	842	718	85	
ILL	410	365	350	96	6.85	6.80	2809	2482	88	
IND	265	235	235	100	7.10	7.20	1882	1692	90	
IOWA	790	735	705	96	7.15	7.20	5648	5292	94	
KANS	112	93	76	82	7.25	7.40	812	688	85	
KY	92	78	57	73	7.10	6.95	653	542	83	
MINN	290	300	270	90	7.30	7.60	2117	2280	108	
MO	290	240	200	83	7.15	6.80	2074	1632	79	
NEBR	220	190	185	97	7.20	7.25	1584	1378	87	
N C	155	132	115	87	7.30	7.40	1132	977	86	
OHIO	135	112	95	85	7.30	7.70	986	862	87	
S DAK	105	96	75	78	7.30	7.20	767	691	90	
TEX	55	53	46	87	6.80	6.80	374	360	96	
WIS	115	105	85	81	7.75	7.50	891	788	88	
TOTAL										
14 STS.	3154	2838	2604	92	7.16	7.18	22571	20382	90	

1/ NUMBER OF PIGS BORN JUNE THROUGH AUGUST,  
THAT WERE ON HAND SEPTEMBER 1, OR HAD BEEN SOLD.

2/ INTENTIONS.

HOGS AND PIGS: INVENTORY NUMBER, SOWS FARROWING AND PIG CROP,  
1979-1981, 10 STATES 1/

ITEM	:	1979	:	1980	:	1981	:	1981 AS % OF	
			:		:		:	1979	1980
		1000 HEAD				PERCENT			
INVENTORY NUMBER-MARCH 1	:								
ALL HOGS AND PIGS	:	44735		47955		44205		99	92
KEPT FOR BREEDING	:	7292		7033		6324		87	90
MARKET	:	37443		40922		37881		101	93
MARKET HOGS AND PIGS	:								
BY WEIGHT GROUPS:	:								
UNDER 60 POUNDS	:	14737		15518		13940		95	90
60-119 POUNDS	:	8843		9659		9204		104	95
120-179 POUNDS	:	8205		9276		8556		104	92
180 POUNDS AND OVER	:	5658		6469		6181		109	96
SOWS FARROWING:	:								
DECEMBER 2/-FEBRUARY	:	2296		2354		2125		93	90
MARCH-MAY	:	3082		2966	3/	2701		88	91
DECEMBER 2/-MAY	:	5378		5320	4/	4826		90	91
JUNE-AUGUST	:	2732		2471	3/	2276		83	92
SEPTEMBER-NOVEMBER	:	2659		2580					
JUNE-NOVEMBER	:	5391		5051					
PIG CROP:	:								
DECEMBER 2/-FEBRUARY	:	15827		16954		15390		97	91
MARCH-MAY	:	22113		21774					
DECEMBER 2/-MAY	:	37940		38728					
JUNE-AUGUST	:	19570		17785					
SEPTEMBER-NOVEMBER	:	19046		18837					
JUNE-NOVEMBER	:	38616		36622					
PIGS PER LITTER:	:			NUMBER					
DECEMBER 2/-FEBRUARY	:	6.89		7.20		7.24		105	101
MARCH-MAY	:	7.17		7.34					
DECEMBER 2/-MAY	:	7.05		7.28					
JUNE-AUGUST	:	7.16		7.20					
SEPTEMBER-NOVEMBER	:	7.16		7.30					
JUNE-NOVEMBER	:	7.16		7.25					

- 1/ ILLINOIS, INDIANA, IOWA, KANSAS, MINNESOTA, MISSOURI, NEBRASKA,  
OHIO, SOUTH DAKOTA, WISCONSIN  
2/ DECEMBER PRECEDING YEAR.  
3/ INTENTIONS.  
4/ INTENTIONS FOR MARCH-MAY.





UNITED STATES DEPARTMENT OF AGRICULTURE  
WASHINGTON, D.C. 20250

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